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APPLICATION NO	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO	CONFIRMATION NO
09/677,631	10/03/2000	Masahiko Kitanma	07136.00002(U, BE2)	5472

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EXAMINER

LEE, BENNY T

ART UNIT

PAPER NUMBER

2817

DATE MAILED: 04/30/2002

Please find below and or attached an Office communication concerning this application or proceeding.



Patent and Trademark Office  
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09/677,631  
SERIAL NUMBER | FILING DATE | FIRST NAMED APPLICANT | ATTORNEY DOCKET NO.

EXAMINER	
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3	

DATE MAILED:

This is a communication from the examiner in charge of your application.

COMMISSIONER OF PATENTS AND TRADEMARKS

Application has been examined  Responsive to communication filed on \_\_\_\_\_  This action is made final.

Statutory period for response to this action is set to expire Three (3) month(s), \_\_\_\_\_ days from the date of this letter. Response within the period for response will cause the application to become abandoned. 35 U.S.C. 133.

THE FOLLOWING ATTACHMENT(S) ARE PART OF THIS ACTION:

Notice of References Cited by Examiner, PTO-892. 2.  Notice re Patent Drawing, PTO-948.  
Notice of Art Cited by Applicant, PTO-1449. 4.  Notice of Informal Patent Application, Form PTO-152  
Information on How to Effect Drawing Changes, PTO-1474. 6.

SUMMARY OF ACTION

Claims 1 - 16 are pending in the application.

Of the above, claims \_\_\_\_\_ are withdrawn from consideration.

Claims \_\_\_\_\_ have been cancelled.

Claims \_\_\_\_\_ are allowed.

Claims 1, 2, 4-11, 13-16 are rejected.

Claims 3, 12 are objected to.

Claims \_\_\_\_\_ are subject to restriction or election requirement.

This application has been filed with informal drawings which are acceptable for examination purposes until such time as allowable subject matter is indicated.

Allowable subject matter having been indicated, formal drawings are required in response to this Office action.

Corrected or substitute drawings have been received on \_\_\_\_\_. These drawings are  acceptable; not acceptable (see explanation).

proposed drawing correction and/or the  proposed additional or substitute sheet(s) of drawings, filed on \_\_\_\_\_, have been  approved by the examiner.  disapproved by the examiner (see explanation).

Proposed drawing correction, filed \_\_\_\_\_, has been  approved.  disapproved (see explanation). However, Patent and Trademark Office no longer makes drawing changes. It is now applicant's responsibility to ensure that the drawings are effected. Corrections MUST be effected in accordance with the instructions set forth on the attached letter "INFORMATION ON HOW TO EFFECT DRAWING CHANGES", PTO-1474.

Acknowledgment is made of the claim for priority under 35 U.S.C. 119. The certified copy has  been received  not been received. It has been filed in parent application, serial no. \_\_\_\_\_; filed on \_\_\_\_\_. This application appears to be in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11; 453 O.G. 213.

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The disclosure is objected to because of the following informalities: Page 4, line 8 and page 5, line 13, note that "4A-B" should be rewritten as --4A-4B-- for consistency. Page 4, lines 9-13 and 16, 17, note that the respective description is inappropriate for the brief description and should be deleted. Page 4, lines 20, 21; page 5, line 1; page 7, lines 6, 7; note that --7-- should precede "B", "D", "G", "H", "K", "K", and "B", respectively. Page 5, last line, note that "4A-B" should be rewritten as --4B--only for consistency. Page 6, lines 12, 14, note that "01" and "02" should reference --(Figure 3)-- for consistency. Page 7, lines 1, 2, note that reference to "Figure 3" and "Figure 2" respectively in Fig. 5; lines 4, 15, note that reference to "Figure 7" is not consistent with the drawing figures; line 9, note that "brand" appears that it should correctly be --band--; line 14, note that "off line" should be rewritten as --offset-- for a better characterization.

Appropriate correction is required.

The disclosure is objected to because of the following informalities: Note that the following drawing figures need explicit description of the features in the specification: figs. 6, 7A, 7B, 7C, 7D, 7E, 7F, 7G, 7H, 7J, 7K, 8A, 8B.

Appropriate correction is required.

The drawings are objected to because of the following: In figs. 1, 2, 1~~A~~, note that these figures need to be labeled as --PRIOR ART--; in figs. 9, 10, should these figures also be labeled as --PRIOR ART--?; In fig. 4B, note that reference labels (1, 2, 3, 4) need to be labeled in fig. 4 as per page 6 of the specification.

Correction is required.

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Claims 3, 12 are objected to under 37 CFR 1.75C as being in improper form because a multiple dependent claim are not in the alternative. See MEP. § 608.01(n). Accordingly, the claim these claims are not been further treated on the merits.

Claims 1, 2; 4-11, 13-16 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

In claim 1, note that the recitation of the off line (offset) hole having a "pattern of conductive material" appears redundant given the earlier recitation that "each hole" has a "pattern of conductive material associated therewith. Also, note that "the fifth and sixth holes" lack strict antecedent basis.

In claim 4, note that reference to "the filter's side walls" is vague in meaning (i.e. width side wall, height side wall, etc?).

Moreover, note that "hole of lower (or higher) band" is vague in meaning.

In claims 13, 14, 15, 16, note that use of orientations "right" and "left" are not definite absent any orientations recited by these claims.

The following claims have been found objectionable for reasons set forth below:

Note that the claims need to start on a separate sheet.

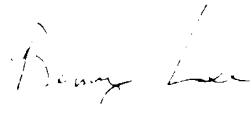
In claims 1, 4, 6, 7, 13-16, note that recitation of the hole being "off line" should be rewritten as being a hole which is --offset-- for proper characterization.

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In claim 1, note that "on the end of the three holes" should be rephrased as -- at the end of the at least three holes -- for consistency; note that "parallel to the edge" should be rephrased as -- parallel to an edge --for clarity; note that --said input/output pads on said one of said first sidewalls -- is suggested.

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Hino (figs. 8,9) pertains to various coupling patterns for dielectric block filter structures. Nappaet et al pertains to a dielectric block filter having an offset resonator. Agahi-Kesheh et al pertains to a dielectric block filter with zero resonators.

Any inquiry concerning this communication should be directed to Benny Lee at telephone number (703) 308-4902



B LEE/pj

04/11/02